

CLAIMS

1. (Currently Amended) A projection type display unit comprising:
a light source unit;
a first cooling fan that cools the light source unit;
a light ~~bulb~~ valve that modulates beams of light from the light source unit;
a second cooling fan that cools the light ~~bulb~~ valve; and
a projection lens for projecting light modulated by the light ~~bulb~~ valve, and
wherein a first cooling wind path provided by the first cooling fan and a second cooling wind path provided by the second cooling fan are substantially independent of each other, and
the second cooling fan cools also an electric power source of the display unit.
2. (Currently Amended) The projection type display unit according to claim 1, wherein
an air intake port, the light ~~bulb~~ valve, the second cooling fan, the electric power source, and an
air exhaust port are arranged in this order in the second cooling wind path.
3. (Currently Amended) The projection type display unit according to claim 1, wherein
a cooling wind from the second cooling fan cools the light ~~bulb~~ valve, and then cools the electric
power source of the device.
4. (Currently Amended) The projection type display unit according to claim 1, wherein
the light ~~bulb~~ valve is arranged in an air intake side of the second cooling fan and the electric
power source of the device is arranged in an air exhaust side of the second cooling fan, and
wherein the second cooling fan draws wind to cool the light ~~bulb~~ valve and the second cooling

fan blows the wind against the electric power source to cool the same.

5. (Currently Amended) A projection type display unit comprising:

- a light source unit;
- a first cooling fan that cools the light source unit;
- a light ~~bulb~~ valve that modulates beams of light from the light source unit;
- a second cooling fan that cools the light ~~bulb~~ valve and an electric power source of the device; and

a projection lens for projecting light modulated by the light ~~bulb~~ valve, and

wherein the second cooling fan comprises a sirocco fan arranged below the light ~~bulb~~ valve, and wherein an intake air generated by the sirocco fan is taken in from above ~~or laterally~~ of the light ~~bulb~~ valve to cool the light ~~bulb~~ valve, and an exhaust air generated by the sirocco fan is blown against the electric power source to cool the electric power source.

6. (Currently Amended) A projection type display unit comprising:

- a light source unit;
- a first cooling fan that cools the light source unit;
- a light ~~bulb~~ valve that modulates beams of light from the light source unit;
- a second cooling fan that cools the light ~~bulb~~ valve and an electric power source of the device; and

a projection lens for projecting light modulated by the light ~~bulb~~ valve, and

wherein the second cooling fan comprises a sirocco fan arranged above the light ~~bulb~~ valve, and wherein an intake air generated by the sirocco fan is taken in from below ~~or laterally~~

of the light ~~bulb~~ valve to cool the light ~~bulb~~ valve, and an exhaust air generated by the sirocco fan is blown against the electric power source to cool the electric power source.

7. (Original) The projection type display unit according to claim 1, further comprising a polarization conversion element for polarization converting beams of light from the light source unit, and a duct that constitutes a wind path for cooling wind produced by the second cooling fan, and

wherein an exhaust air from the second cooling fan cools the electric power source and the polarization conversion element.

8. (Original) The projection type display unit according to claim 2, further comprising a polarization conversion element for polarization converting beams of light from the light source unit, and a duct that constitutes a wind path for cooling wind produced by the second cooling fan, and

wherein an exhaust air from the second cooling fan cools the electric power source and the polarization conversion element.

9. (Original) The projection type display unit according to claim 3, further comprising a polarization conversion element for polarization converting beams of light from the light source unit, and a duct that constitutes a wind path for cooling wind produced by the second cooling fan, and

wherein an exhaust air from the second cooling fan cools the electric power source and the polarization conversion element.

10. (Original) The projection type display unit according to claim 4, further comprising a polarization conversion element for polarization converting beams of light from the light source unit, and a duct that constitutes a wind path for cooling wind produced by the second cooling fan, and

wherein an exhaust air from the second cooling fan cools the electric power source and the polarization conversion element.

11. (Original) The projection type display unit according to claim 5, further comprising a polarization conversion element for polarization converting beams of light from the light source unit, and a duct that constitutes a wind path for cooling wind produced by the second cooling fan, and

wherein an exhaust air from the second cooling fan cools the electric power source and the polarization conversion element.

12. (Original) The projection type display unit according to claim 6, further comprising a polarization conversion element for polarization converting beams of light from the light source unit, and a duct that constitutes a wind path for cooling wind produced by the second cooling fan, and

wherein an exhaust air from the second cooling fan cools the electric power source and the polarization conversion element.